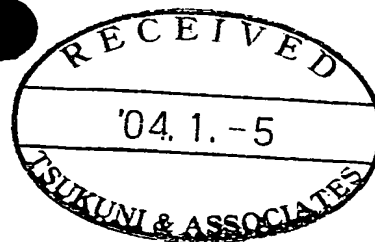


PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)



Applicant's or agent's file reference FP2605PCT	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/JP 03/13194	International filing date (day/month/year) 15/10/2003	(Earliest) Priority Date (day/month/year) 15/10/2002
Applicant TANABE SEIYAKU CO., LTD.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP03/13194

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D409/04 C07D405/04 C07D333/28 C07D333/24 C07D307/54
C07D207/337 C07D409/14 A61K31/381 A61K31/341 A61K31/4025
A61P13/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 842 923 A (NIPPON SHINYAKU CO LTD) 20 May 1998 (1998-05-20) page 30 -page 69; claims & WO 96 40634 A 19 December 1996 (1996-12-19) cited in the application --- -/--	1-25



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

16 December 2003

Date of mailing of the international search report

05/01/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Chouly, J

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP03/13194

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CHEMICAL ABSTRACTS, vol. 134, no. 3, 15 January 2001 (2001-01-15) Columbus, Ohio, US; abstract no. 29302, HARADA H. ET AL: "Preparation of furans for large conductance calcium-activated potassium channel openers" XP002265271 abstract & JP 2000 351773 A (YAMANOUCI PHARMACEUTICAL CO., LTD.) 19 December 2000 (2000-12-19) cited in the application ---	1-25
A	US 5 602 169 A (HEWAWASAM PIYASENA ET AL) 11 February 1997 (1997-02-11) column 1 -column 4; claims ---	1-25
A	WO 98 04135 A (SQUIBB BRISTOL MYERS CO) 5 February 1998 (1998-02-05) cited in the application claims ---	1-25
P,A	WO 02 083111 A (HOSAKA THOSHIHIRO ;KASHIWAGI TOSHIHIKO (JP); TANABE SEIYAKU CO (JP) 24 October 2002 (2002-10-24) claims; examples -----	1-25

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP03/13194

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0842923	A	20-05-1998	AU 710683 B2	30-09-1999
			AU 5910996 A	30-12-1996
			BR 9608502 A	06-07-1999
			EP 0842923 A1	20-05-1998
			JP 3160910 B2	25-04-2001
			NO 975666 A	09-02-1998
			NZ 309151 A	28-01-2000
			US 6172102 B1	09-01-2001
			US 5998459 A	07-12-1999
			CA 2223918 A1	19-12-1996
			CN 1349796 A	22-05-2002
			CN 1186485 A ,B	01-07-1998
			HU 9802290 A2	28-10-1999
			WO 9640634 A1	19-12-1996
			RU 2166941 C2	20-05-2001
			TW 504503 B	01-10-2002
JP 2000351773	A	19-12-2000	NONE	
US 5602169	A	11-02-1997	US 5565483 A	15-10-1996
			AT 195515 T	15-09-2000
			AU 707760 B2	22-07-1999
			AU 5475796 A	19-12-1996
			BR 1100180 A3	14-03-2000
			CA 2176183 A1	08-12-1996
			CN 1144800 A ,B	12-03-1997
			CZ 9601618 A3	12-03-1997
			DE 69609772 D1	21-09-2000
			DE 69609772 T2	12-04-2001
			DK 747354 T3	18-09-2000
			EP 0747354 A1	11-12-1996
			ES 2148685 T3	16-10-2000
			GR 3034523 T3	29-12-2000
			HK 1003301 A1	27-04-2001
			HU 9601547 A1	29-09-1997
			IL 118349 A	26-07-2000
			JP 8333336 A	17-12-1996
			NO 962232 A	09-12-1996
			NZ 286748 A	26-08-1998
			PL 314672 A1	09-12-1996
			PT 747354 T	30-11-2000
			RU 2165925 C2	27-04-2001
			SG 70572 A1	22-02-2000
			TW 384284 B	11-03-2000
			ZA 9604327 A	28-11-1997
WO 9804135	A	05-02-1998	AU 711736 B2	21-10-1999
			AU 4067997 A	20-02-1998
			BR 9710793 A	17-08-1999
			CN 1226803 A ,B	25-08-1999
			CZ 9900321 A3	16-06-1999
			EP 0915856 A1	19-05-1999
			HU 0000063 A2	29-01-2001
			JP 2000516925 T	19-12-2000
			KR 2000029735 A	25-05-2000
			NO 990428 A	29-01-1999
			NZ 334403 A	29-09-2000
			PL 331385 A1	05-07-1999

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP03/13194

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9804135 A		RU 2175319 C2	27-10-2001
		TW 467902 B	11-12-2001
		WO 9804135 A1	05-02-1998
		US 6077861 A	20-06-2000
		US 6271249 B1	07-08-2001
		US 5869509 A	09-02-1999
		ZA 9706554 A	25-01-1999
<hr/>			
WO 02083111 A	24-10-2002	WO 02083111 A2	24-10-2002
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